

Title (en)

METHOD OF ADSORPTION OF IONS FROM A DIALYSIS FLUID

Title (de)

VERFAHREN ZUR ADSORPTION VON IONEN AUS EINER DIALYSEFLÜSSIGKEIT

Title (fr)

PROCÉDÉ D'ADSORPTION D'IONS À PARTIR D'UN LIQUIDE DE DIALYSE

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Application

EP 13856429 A 20131122

Priority

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Abstract (en)

[origin: WO2014081367A1] A method of adsorption of potassium ions from a peritoneal dialysis fluid, which has been removed from the peritoneal cavity of a patient performing peritoneal dialysis for subsequent recirculation and introduction into the peritoneal cavity of the patient. The peritoneal dialysis fluid is passed through a potassium adsorbent, such as a zeolite, which has been pre-equilibrated with an equilibration fluid comprising Na⁺, Ca²⁺, Mg²⁺, Cl⁻, lactate, in substantially the same concentration as in the peritoneal dialysis fluid and which equilibration fluid lacks K⁺. The zeolite may be titrated with an acid. Alternatively, a zeolite having a Si:Al ratio which is larger than 5:1 is used. Alternatively, a cation exchange material, such as sodium polystyrene sulfonate, is used.

IPC 8 full level

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